BID TAB FOR: CSO Rack 13 Sewer Separation FILE NO. 2012-060-00

BID DATE: April 29, 2015 CODE: 51002-P12044

	ITEM		ENGINEER'S E	ESTIMATE	1. Kenmore Con	struction	*2. H.M. Miller Co	onstruction
NO.	NO. DESCRIPTION	QTY. UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05 Contract Performance Bond	1 L.S.	\$60,000.00	\$60,000.00	\$30,000.00	\$30,000.00	\$45,300.00	\$45,300.00
2	201 Clearing and Grubbing	1 L.S.	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$5,500.00	\$5,500.00
3	202 Rack 13 Removal, as per plan	1 L.S.	\$8,000.00	\$8,000.00	\$45,000.00	\$45,000.00	\$3,500.00	\$3,500.00
4	202 Pipe Removed	382 L.F.	\$5.00	\$1,910.00	\$15.00	\$5,730.00	\$5.00	\$1,910.00
5	202 Pipe Abandoned	100 L.F.	\$6.00	\$600.00	\$10.00	\$1,000.00	\$35.00	\$3,500.00
6	202 Wearing Course Removed	10721 S.Y.	\$4.00	\$42,884.00	\$2.00	\$21,442.00	\$2.00	\$21,442.00
7	203 Excavation Including Embankment Construction	6886 C.Y.	\$20.00	\$137,720.00	\$0.01	\$68.86	\$0.10	\$688.60
8	203 Rock Excavation	100 C.Y.	\$100.00	\$10,000.00	\$0.01	\$1.00	\$1.00	\$100.00
9	207 Filter Fabric Fence	50 L.F.	\$6.00	\$300.00	\$3.00	\$150.00	\$1.30	\$65.00
10	254 6 inch Ductile Iron Pipe	105 L.F.	\$100.00	\$10,500.00	\$170.00	\$17,850.00	\$110.00	\$11,550.00
11	254 8 inch Ductile Iron Pipe	65 L.F.	\$100.00	\$6,500.00	\$145.00	\$9,425.00	\$180.00	\$11,700.00
12	258 6 inch Valve	1 EACH	\$800.00	\$800.00	\$900.00	\$900.00	\$885.00	\$885.00
13	259 6 inch x 6 inch Tee	1 EACH	\$1,500.00	\$1,500.00	\$400.00	\$400.00	\$400.00	\$400.00
14		9 EACH	\$500.00	\$4,500.00	\$300.00	\$2,700.00	\$225.00	\$2,025.00
15	259 8 inch 45 degree bend	4 EACH	\$500.00	\$2,000.00	\$350.00	\$1,400.00	\$315.00	\$1,260.00
16	259 6 inch solid sleeve	2 EACH	\$500.00	\$1,000.00	\$250.00	\$500.00	\$210.00	\$420.00
17	259 8 inch Romac Coupling	2 EACH	\$1,000.00	\$2,000.00	\$300.00	\$600.00	\$230.00	\$460.00
18	263 Tying Into Existing Main	4 EACH	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00	\$1,500.00	\$6,000.00
19	407 Tack Coat	1072 GAL.	\$1.50	\$1,608.00	\$3.00	\$3,216.00	\$2.50	\$2,680.00
20	448 Asphalt Concrete Surface Course, 1-1/4 inch thick	596 C.Y.	\$200.00	\$119,200.00	\$160.00	\$95,360.00	\$271.00	\$161,516.00
21	455 Combination Curb and Gutter	3000 L.F.	\$15.00	\$45,000.00	\$25.00	\$75,000.00	\$18.15	\$54,450.00
22	455 6" x 18" Curb	1000 L.F.	\$15.00	\$15,000.00	\$12.00	\$12,000.00	\$16.00	\$16,000.00
23		1200 S.F.	\$6.00	\$7,200.00	\$7.00	\$8,400.00	\$6.50	\$7,800.00
24	456 Concrete Walk, 4" Thick	4000 S.F.	\$5.00	\$20,000.00	\$3.00	\$12,000.00	\$5.50	\$22,000.00
25	456 Concrete Walk, 6" Thick	2200 S.F.	\$6.00	\$13,200.00	\$3.50	\$7,700.00	\$6.50	\$14,300.00
26		6 EACH	\$250.00	\$1,500.00	\$500.00	\$3,000.00	\$500.00	\$3,000.00
27		1 Allow.	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
28		1546 L.F.	\$100.00	\$154,600.00	\$135.00	\$208,710.00	\$122.00	\$188,612.00
29		120 L.F.	\$200.00	\$24,000.00	\$120.00	\$14,400.00	\$50.00	\$6,000.00
30	552 18 inch Storm Sewer, Type A, Class B Bedding	1100 L.F.	\$160.00	\$176,000.00	\$170.00	\$187,000.00	\$183.00	\$201,300.00
31	552 30 inch Storm Sewer, Type A, Class B Bedding	1740 L.F.	\$350.00	\$609,000.00	\$200.00	\$348,000.00	\$290.50	\$505,470.00
32		720 L.F.	\$100.00	\$72,000.00	\$85.00	\$61,200.00	\$114.00	\$82,080.00
33			\$200.00	\$40,000.00	\$120.00	\$24,000.00	\$25.00	\$5,000.00
34		945 L.F.	\$130.00	\$122,850.00	\$170.00	\$160,650.00	\$162.00	\$153,090.00
35	557 12 inch Sanitary Sewer, Class B Bedding	767 L.F.	\$150.00	\$115,050.00	\$165.00	\$126,555.00	\$165.00	\$126,555.00
36	559 6 inch Pipe Reconnections, VCP, Class B Bedding	75 L.F.	\$150.00	\$11,250.00	\$80.00	\$6,000.00	\$125.00	\$9,375.00
37	559 6 inch Pipe Bends, VCP, Class B Bedding	60 EACH	\$75.00	\$4,500.00	\$70.00	\$4,200.00	\$50.00	\$3,000.00
38		1 EACH	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00	\$6,550.00	\$6,550.00
39		1 EACH	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$850.00	\$850.00
40	562 Manhole MH-2A on Sanitary Sewer	8 EACH	\$4,000.00	\$32,000.00	\$4,000.00	\$32,000.00	\$6,235.00	\$49,880.00
41	562 Manhole MH-2A on Storm Sewer	21 EACH	\$4,000.00	\$84,000.00	\$4,000.00	\$84,000.00	\$2,650.00	\$55,650.00
42	562 Manhole MH-2C on Storm Sewer	10 EACH	\$8,000.00	\$80,000.00	\$7,200.00	\$72,000.00	\$5,800.00	\$58,000.00

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BID TAB FOR: CSO Rack 13 Sewer Separation FILE NO. 2012-060-00

BID DATE: April 29, 2015 CODE: 51002-P12044

	ITEM		ENGINEER'S	ESTIMATE	1. Kenmore Co	nstruction	*2. H.M. Miller C	Construction
NO.	NO. DESCRIPTION	QTY. UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
43	562 Manhole MH-2C on Sanitary Sewer	2 EACH	\$8,000.00	\$16,000.00	\$7,700.00	\$15,400.00	\$8,010.00	\$16,020.00
44	562 Manhole MH-2B on Storm Sewer	1 EACH	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00	\$3,900.00	\$3,900.00
45	562 Manhole Adjusted	20 EACH	\$1,000.00	\$20,000.00	\$700.00	\$14,000.00	\$850.00	\$17,000.00
46	562 Manhole Reconstructed	4 EACH	\$3,000.00	\$12,000.00	\$3,800.00	\$15,200.00	\$10,000.00	\$40,000.00
47	562 Manhole Rebuilt	11 L.F.	\$100.00	\$1,100.00	\$450.00	\$4,950.00	\$550.00	\$6,050.00
48	563 Inlet Adjusted	40 EACH	\$500.00	\$20,000.00	\$400.00	\$16,000.00	\$150.00	\$6,000.00
49	563 No. 3 Inlet	10 EACH	\$2,500.00	\$25,000.00	\$3,000.00	\$30,000.00	\$2,450.00	\$24,500.00
50	603 Limestone for Driveway Reconstruction, 6" thick	1000 S.Y.	\$10.00	\$10,000.00	\$7.00	\$7,000.00	\$8.00	\$8,000.00
51	604 Bank Run Gravel	3641 C.Y.	\$30.00	\$109,230.00	\$0.01	\$36.41	\$0.10	\$364.10
52	614 Maintaining Traffic	1 L.S.	\$10,000.00	\$10,000.00	\$55,000.00	\$55,000.00	\$33,000.00	\$33,000.00
53	619 Field Office	1 L.S.	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$500.00	\$500.00
54	623 Construction Layout Stakes	1 L.S.	\$30,000.00	\$30,000.00	\$18,000.00	\$18,000.00	\$30,000.00	\$30,000.00
55	624 Mobilization	1 L.S.	\$200,000.00	\$200,000.00	\$75,000.00	\$75,000.00	\$77,000.00	\$77,000.00
56	SPEC Existing Manhole Rehabilitation	300 L.F.	\$300.00	\$90,000.00	\$300.00	\$90,000.00	\$500.00	\$150,000.00
57	SPEC 8 inch CIPPL	691 L.F.	\$55.00	\$38,005.00	\$35.00	\$24,185.00	\$38.00	\$26,258.00
58	SPEC 12 inch CIPPL	1111 L.F.	\$65.00	\$72,215.00	\$46.00	\$51,106.00	\$40.00	\$44,440.00
59	SPEC 10 inch CIPPL	250 L.F.	\$65.00	\$16,250.00	\$35.00	\$8,750.00	\$39.00	\$9,750.00
60	SPEC 15 inch CIPPL	286 L.F.	\$70.00	\$20,020.00	\$48.00	\$13,728.00	\$56.00	\$16,016.00
61	SPEC 18 inch CIPPL	500 L.F.	\$90.00	\$45,000.00	\$60.00	\$30,000.00	\$72.00	\$36,000.00
62	SPEC 21 inch CIPPL	436 L.F.	\$90.00	\$39,240.00	\$65.00	\$28,340.00	\$100.00	\$43,600.00
63	SPEC 24 inch CIPPL	1020 L.F.	\$150.00	\$153,000.00	\$110.00	\$112,200.00	\$102.00	\$104,040.00
64	SPEC 30 inch CIPPL	1680 L.F.	\$190.00	\$319,200.00	\$130.00	\$218,400.00	\$121.00	\$203,280.00
65	SPEC 36 inch CIPPL	450 L.F.	\$195.00	\$87,750.00	\$185.00	\$83,250.00	\$145.00	\$65,250.00
66	SPEC Bypass Pumping	1 L.S.	\$200,000.00	\$200,000.00	\$20,000.00	\$20,000.00	\$107,000.00	\$107,000.00
67	SPEC Cleaning of Sewers	1 L.S.	\$20,000.00	\$20,000.00	\$36,000.00	\$36,000.00	\$78,000.00	\$78,000.00
68	SPEC Slip-Lining of Sewers	484 L.F.	\$140.00	\$67,760.00	\$210.00	\$101,640.00	\$151.00	\$73,084.00
TOTA	AL CONSTRUCTION COSTS			\$3,733,442.00		\$2,824,843.27		\$3,118,915.70
+/- El	NGINEER'S ESTIMATE					-24.3%		-16.5%

^{*}Ref # 58 total is incorrect.

		O Rack 13 Sewer Separation				July 28, 2014									
CODE	NUMBE	R:													
FILE N	IUMBER	: 2012-060-00													
BID DA	ATE:														
\perp															
_		FINAL ESTIMATE of cost for the improvement of													
_		Rack 13 Sewer Separation													
\vdash				r											
\vdash			1		l	· · · · · · · · · · · · · · · · · · ·									
\vdash			1		1		COMMON		CITY			UTILITIES		CITY	FULL DEPTH
REF.	ITEM	DESCRIPTION	QUAN.	LIMITO	PRICE	AMOUNT SPLIT	ITEMS	WCF	SCF	SLA	FIRST ENERGY	SBC	TIME-WARNER	SPECIAL	RECONSTRUCTION
		Contract Performance Bond		L.S.	\$60,000.00		\$60,000.00		001	CON	TINOT ENERGY	000	THE WALLE	OI LONG	TECONO TROO TION
02	201	Clearing and Grubbing		L.S.	\$1,000.00	\$1,000.00	000 00000								
03		Rack 13 Removal. as per plan	1	L.S.	\$8.000.00	\$8,000,00									
04		Pipe Removed	382	L.F.	\$5.00	\$1.910.00									
05	202	Pipe Abandoned		L.F.	\$6.00	\$600.00									
06	202	Wearing Course Removed	10721	S.Y.	\$4.00	\$42.885.33									
07	203	Excavation Including Embankment Construction	6886	C.Y.	\$20.00	\$137,720.00									
08	203	Rock Excavation		C.Y.	\$100.00	\$10,000.00									
09	207	Filter Fabric Fence	50	L.F.	\$6.00	\$300.00									
10		6 inch Ductile Iron Pipe	105	L.F.	\$100.00										
11		8 inch Ductile Iron Pipe		L.F.	\$100.00	\$6,500.00									
12	258	6 inch Valve	1	EACH	\$800.00	\$800.00									
13	259	6 inch x 6 inch Tee		EACH											
14	259	6 inch 45 degree bend	9	EACH		\$4,500.00							1		
15		8 inch 45 degree bend		EACH									1		
16	259	6 inch solid sleeve		EACH		\$1,000.00									
17	259	8 inch Romac Coupling		EACH			ļ			l —					
		Tying Into Existing Main		EACH									_		
19		Tack Coat	1072	GAL.	\$1.50	\$1.608.20	l			l —					
20	448	Asphalt Concrete Surface Course, 1-1/4 inch thick	596 3000	C.Y.	\$200.00 \$15.00	\$119,125.93 \$45.000.00				 			+		
	455	Combination Curb and Gutter 6" x 18" Curb	1000	L.F.	\$15.00 \$15.00	\$45.000.00 \$15.000.00				 			+		
22		6" x 18" Curb Concrete Aprons, 6" Thick	1200		\$15.00 \$6.00					l			1		
24	456	Concrete Aprons, 6" Thick Concrete Walk, 4" Thick	4000	S.F.	\$5.00	\$7,200.00				l			1		
25	456	Concrete Walk, 6" Thick	2200	S.F.	\$6.00	\$13,200.00									
26	456	Curb Ramps	2200	EACH	\$250.00	\$1,500.00									
27	503	Cofferdams, Cribs and Sheeting		Allow.	\$50,000.00										
28		12 inch Storm Sewer. Type A. Class B Bedding	1546		\$100.00										
29	552	12 inch Storm Sewer, Ductile Iron, Class B Bedding	120	L.F.	\$200.00	\$24,000.00									
30		18 inch Storm Sewer, Type A, Class B Bedding	1100	LF	\$160.00	\$176,000.00									
31	552	30 inch Storm Sewer, Type A, Class B Bedding	1740	L.F.	\$350.00	\$609.000.00									
32	553	12 inch Inlet Connection, RCP, Class "B" Bedding	720	L.F.	\$100.00	\$72,000.00									
33	553	12 inch Inlet Connection, Ductile Iron, Class "B" Bedding	200	L.F.	\$200.00	\$40,000.00									
34		8 inch Sanitary Sewer, Class B Bedding	945	L.F.	\$130.00	\$122,850.00			\$122,850.00						
35	557	12 inch Sanitary Sewer. Class B Bedding	767	L.F.	\$150.00				\$115.050.00						
36	559	6 inch Pipe Reconnections, VCP, Class B Bedding	75	L.F.	\$150.00	\$11,250.00			\$11,250.00						
37	559	6 inch Pipe Bends, VCP, Class B Bedding	60	EACH		\$4,500.00			\$4,500.00						
38		6 inch House Lateral		EACH		\$1,000.00			\$1,000.00						
39	561	Manhole Frame and Cover	1	EACH	\$1,000.00	\$1,000.00			\$1,000.00						
40		Manhole MH-2A on Sanitary Sewer		EACH											
41	562	Manhole MH-2A on Storm Sewer	21	EACH	\$4,000.00	\$84,000.00									
42		Manhole MH-2C on Storm Sewer		EACH											
43	562	Manhole MH-2C on Sanitary Sewer	2	EACH	\$8,000.00	\$16,000.00									
44	562	Manhole MH-2B on Storm Sewer	1	EACH	\$2.500.00	\$2.500.00									
45		Manhole Adjusted		EACH											
46	562	Manhole Reconstructed Manhole Rebuilt		LF.	\$3,000.00 \$100.00	\$12,000.00 \$1,100.00				 			+		
48	562	Inlet Adjusted		EACH		\$20,000.00				l			1		
49	563	No. 3 Inlet	10	EACH	\$2,500.00	\$25,000.00				l			1		
50		Limestone for Driveway Reconstruction, 6* thick	1000		\$10.00					l			1		
51	604	Bank Run Gravel	3641		\$30.00										
52	614	Maintaining Traffic	1	LS.	\$10,000.00	\$10,000.00	\$10,000.00								
53	619	Field Office	1	L.S.	\$10.000.00	\$10.000.00	\$10.000.00								
54	623	Construction Layout Stakes	1	L.S.	\$30,000.00	\$30,000.00	\$30,000.00								
55	624	Mobilization	1	L.S.	\$200,000.00	\$200,000.00	\$200,000.00								
56	SPEC	Existing Manhole Rehabilitation	300	L.F.	\$300.00										
57	SPEC	8 inch CIPPL	691		\$55.00	\$38,005.00									
58	SPEC	12 inch CIPPL	1111		\$65.00	\$72,215.00									
		10 inch CIPPL	250	L.F.	\$65.00	\$16,250.00							1		
60	SPEC	15 inch CIPPL	286	L.F.	\$70.00	\$20.020.00							1		
61	SPEC	18 inch CIPPL		L.F.	\$90.00								_		
62	SPEC	21 inch CIPPL	436	L.F.	\$90.00	\$39,240.00							_		
63	SPEC	24 inch CIPPL	1020	L.F.	\$150.00					l —					
65	SPEC	30 inch CIPPL 36 inch CIPPL	1680	L.F.	\$190.00 \$195.00	\$319,200.00 \$87,750.00				 			+		
66		36 inch CIPPL Bypass Pumping		L.F.	\$195.00					 			+		
67	SPEC	Bypass Pumping Cleaning of Sewers	1 1	LS.	\$200,000.00	\$200,000.00				l			1		
68	SPEC	Slip-Lining of Sewers		L.F.	\$140.00	\$67,760.00							+		
00	SEEC	one coming or owners	404	L.F.	\$140.00	307,700.00				l			1		
+		Totals	t		†		\$310,000.00	\$0.00	\$255,650.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00
\vdash		Prorated Common Items			i	1	9010,000.00	\$0.00	\$23,150.15	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00
\vdash		a second was second shifted			i	1		90.00		\$5.00	φ.00		φ.0.00	40.00	40.00
\vdash		Total Estimated Construction Cost			i	\$3,733,369.46		\$0.00	\$278,800.15	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00
\Box			1			401.001000.00		\$3.00	\$2. 5,555.10	\$3.00	\$3.00		\$2.00	45.50	40.00
\Box															
			1		1	1	1 -					_			

AKRON FUNDING SOURCES

WATER CAPITAL FUND

SEWER CAPITAL FUND

ESTIMATE OF PROJECT COSTS

 slimated Construction Cost
 \$0.00

 nipmeering and Inspection (20%)
 \$0.00

 ricer Durchase of Windows (Main by DBE)
 \$0.00

 total Water Capital Fund
 \$0.00

Engineering and Inspection (20%)
Less Assessments for Sanitary Sew

 Estimated Curstruction Coat
 \$278,800.15

 Endomental and Impaction (DPS)
 \$5,780.03

 Endomental and Impaction (DPS)
 \$5,780.03

 Less Assessments for Sanitary Laterals
 Total Sewer Capital Fund
 \$334,560.17

STREET LIGHT FUND

 Estimated Construction Cost
 \$0.00

 Engineering and Inspection (20%)
 \$0.00

 Total Street Light Fund
 \$0.00

PROJECT COST SUMMARY

SUMMARY OF FUNDING SOURCES

TO THE DIRECTOR OF PUBLIC SERVICE OF THE CITY OF AKRON:

The undersigned proposes to furnish all labor, materials, and equipment for and construct the following improvement and all other work incidental thereto, including any and all work and materials that may be necessary to connect the work done with the adjoining work, in a proper and workmanlike manner, and according to the plans and profiles on file in the Bureau of Engineering, and upon the terms and conditions of the specifications and form of contract bound herewith and the rules and regulations of the City, and under the direction and to the satisfaction of the Director of Public Service, at the following unit rates, to-wit:

PLEASE TYPE OR USE BLACK INK

REF. NO.	ITEM NO.	ITEM - DESCRIPTION QUANTITY AND UNIT			(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY X UNIT PRICE)
1	103.05	Contract Performance Bond	1	L.S.		
2	201	Clearing and Grubbing	1	L.S.		
3	202	Rack 13 Removal, as per plan	1	L.S.		
4	202	Pipe Removed	382	L.F.		
5	202	Pipe Abandoned	100	L.F.		
6	202	Wearing Course Removed	10721	S.Y.		
7	203	Excavation Including Embankment Construction	6886	C.Y.		
8	203	Rock Excavation	100	C.Y.		
9	207	Filter Fabric Fence	50	L.F.		
10	254	6 inch Ductile Iron Pipe	105	L.F.		
11	254	8 inch Ductile Iron Pipe	65	L.F.		
12	258	6 inch Valve	1	EACH		
13	259	6 inch x 6 inch Tee	1	EACH		
14	259	6 inch 45 degree bend	9	EACH		
15	259	8 inch 45 degree bend	4	EACH		
16	259	6 inch solid sleeve	2	EACH		

REF. NO.	ITEM NO.	ITEM - DESCRIPTION		ATED TY AND IT	(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY X UNIT PRICE)
17	259	8 inch Romac Coupling	2	EACH		
18	263	Tying Into Existing Main	4	EACH		
19	407	Tack Coat	1072	GAL.		
20	448	Asphalt Concrete Surface Course, 1-1/4 inch thick	596	C.Y.		
21		Combination Curb and Gutter	3000			
22		6" x 18" Curb	1000			
		Concrete Aprons, 6" Thick	1200			
23						
24		Concrete Walk, 4" Thick	4000			
25		Concrete Walk, 6" Thick	2200			
26	456	Curb Ramps	6	EACH		
27	503	Cofferdams, Cribs and Sheeting	1	Allow.	\$50,000.00	\$50,000.00
28	552	12 inch Storm Sewer, Type A, Class B Bedding	1546	L.F.		
29	552	12 inch Storm Sewer, Ductile Iron, Class B Bedding	120	L.F.		
30	552	18 inch Storm Sewer, Type A, Class B Bedding	1100	L.F.		
31	552	30 inch Storm Sewer, Type A, Class B Bedding	1740	L.F.		
32	553	12 inch Inlet Connection, RCP, Class "B" Bedding	720	L.F.		
33	553	12 inch Inlet Connection, Ductile Iron, Class "B" Bedding	200	L.F.		
34	557	8 inch Sanitary Sewer, Class B Bedding	945	L.F.		
35	557	12 inch Sanitary Sewer, Class B Bedding	767	L.F.		

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	DESCRIPTION ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY X UNIT PRICE)
36	559	6 inch Pipe Reconnections, VCP, Class B Bedding	75	L.F.		
37	559	6 inch Pipe Bends, VCP, Class B Bedding	60	EACH		
38	560	6 inch House Lateral	1	EACH		
39	561	Manhole Frame and Cover	1	EACH		
40	562	Manhole MH-2A on Sanitary Sewer	8	EACH		
41		Manhole MH-2A on Storm Sewer		EACH		
42		Manhole MH-2C on Storm Sewer		EACH		
43		Manhole MH-2C on Sanitary Sewer		EACH		
44		Manhole MH-2B on Storm Sewer		EACH		
45		Manhole Adjusted		EACH		
		Manhole Reconstructed		EACH		
46						
47		Manhole Rebuilt		L.F.		
48		Inlet Adjusted		EACH		
49		No. 3 Inlet		EACH		
50		Limestone for Driveway Reconstruction, 6" thick	1000			
51		Bank Run Gravel	3641			
52	614	Maintaining Traffic	1	L.S.		
53	619	Field Office	1	L.S.		
54	623	Construction Layout Stakes	1	L.S.		

REF. NO.	ITEM NO.	ITEM - DESCRIPTION QUANTITY AND UNIT			(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY X UNIT PRICE)
55	624	Mobilization	1	L.S.		
	021					
56	SPEC	Existing Manhole Rehabilitation	300	L.F.		
57	SPEC	8 inch CIPPL	691	L.F.		
58	SPEC	12 inch CIPPL	1111	L.F.		
59	SPEC	10 inch CIPPL	250	L.F.		
60	SPEC	15 inch CIPPL	286	L.F.		
61	SPEC	18 inch CIPPL	500	L.F.		
62	SPEC	21 inch CIPPL	436	L.F.		
63	SPEC	24 inch CIPPL	1020	L.F.		
64	SPEC	30 inch CIPPL	1680	L.F.		
65	SPEC	36 inch CIPPL	450	L.F.		
66	SPEC	Bypass Pumping	1	L.S.		
67	SPEC	Cleaning of Sewers	1	L.S.		
68	SPEC	Slip-Lining of Sewers	484	L.F.		
		UNOFFICIAL CONSTRUCTION COST:				

PLEASE COMPLETE THE PROPOSAL FORMS BOUND HEREIN AND SUBMIT THE ENTIRE BOOK. DO NOT REMOVE ANY PAGES. ALL ERASURES MUST BE INITIALED AND DATED BY THE BIDDER.

DENOTES LUMP SUM - UNIT PRICE NEED NOT BE COMPLETED

FILE NO.

CITY OF AKRON DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING ENGINEER'S ESTIMATE

ESTIMATE NO			PROJECT CONTRACTOR			
			OONTRACTOR _			
REF.	ITEM NO	DESCRIPTION	ESTIMATE	LINIT	ACTUAL	COMPLETE

FILE NO.

CITY OF AKRON DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING ENGINEER'S ESTIMATE

ESTIMATE NO			PROJECT CONTRACTOR			
			OONTRACTOR _			
REF.	ITEM NO	DESCRIPTION	ESTIMATE	LINIT	ACTUAL	COMPLETE

FILE NO.

CITY OF AKRON DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING FNGINEER'S ESTIMATE

UNIT	ACTUAL QUANTITY		
UNIT			
UNIT			
		UNIT PRICE	TO DATE
TERIALS			
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	CONSTRUC	CTION ENGIN	EER
	ERIALS PLETED &RET ED LESS I DUS PAYM DNAL DED	PLETED & STORED RETAINAGE ED LESS RETAINAGE BUS PAYMENTS DNAL DEDUCTIONS RYMENT DUE	TERIALS PLETED & STORED RETAINAGE ED LESS RETAINAGE SUS PAYMENTS DNAL DEDUCTIONS

APPROVED: CITY ENGINEER

PROJECT MANAGER

DATE OF PROJECT WORK ACCEPTANCE_____

DATE: